

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A plasma-sterilization indicator, comprising:
one or more compounds (A) selected from the group consisting of adsorption indicators and metal chelate-titration indicators;

an organic metal compound (B); and

a polyvalent alcohol (C), wherein a product formed in a reaction between the one or more compounds (A) and the organic metal compound (B) discolors into a different color in a particular pH range owing to a pH change caused by a hydrogen peroxide and an oxidative force in plasma treatment;

wherein the adsorption indicator is selected from indicators used in detection of metal ions that discolor as adsorbed on colloidal particle, and the metal chelate-titration indicator is selected from the group consisting of organic colorants having a proton that can be replaced with a metal ion in the molecule and compounds having multidentate ligands that can form a chelate compound by binding to a metal ion.

2. (Original) The plasma sterilization indicator according to Claim 1, wherein the one or more compounds (A) selected from the group consisting of adsorption indicators and metal chelate-titration indicators are compounds selected from hematoxylin, Mordant Blue 29, Eriochrome Black T, xylene orange, and 1-(2-pyridylazo)-2-naphthol (PAN).

3. (Previously Presented) The plasma-sterilization indicator according to Claim 1, wherein the organic metal compound (B) is one or more compound selected from aluminum chelate compounds, titanium chelate compounds, and zirconium chelate compounds.

4. - 6. (Canceled)

7. (Previously Presented) The plasma-sterilization indicator according to Claim 1, wherein the polyvalent alcohol (C) comprises at least one glycol selected

from the group consisting of ethylene glycol, diethylene glycol, polyethylene glycol, propylene glycol, and dipropylene glycol.

8. - 9. (Canceled)

10. (Currently Amended) A sterilization packaging material capable of containing an article to be sterilized by plasma sterilization treatment, wherein at least part thereof is made of a gas permeable paper or nonwoven fabric, and an indicator area of a plasma-sterilization indicator comprising at least one compound (A) selected from the group consisting of adsorption indicators and metal chelate-titration indicators, an organic metal compound (B), and a polyvalent alcohol (C) is formed thereon, wherein a product formed in a reaction between at least one compound (A) and the organic metal compound (B) discolors into a definitely different color in a particular pH range due to a pH change caused by hydrogen peroxide and an oxidative force in plasma treatment, wherein the adsorption indicator is selected from indicators used in detection of metal ions that discolor as adsorbed on colloidal particle, and the metal chelate-titration indicator is selected from the group consisting of organic colorants having a proton that can be replaced with a metal ion in the molecule and compounds having multidentate ligands that can form a chelate compound by binding to a metal ion.

11. (Previously Presented) The sterilization packaging material according to Claim 10, wherein the compound (A) is selected from the group consisting of hematoxylin, Mordant Blue 29, Eriochrome Black T, xlenol orange, and 1-(2-pyridylazo)-2-naphthol (PAN).

12. (Previously Presented) The plasma sterilization indicator according to claim 1, wherein a content of the polyvalent alcohol (C) is in the range of 1.0% to 10.0% by weight.